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Attorney's Docket No. 42390P9148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Valery Kuriakin et al.

Serial No.: 09/607,825

Filed: June 30, 2000

For: A METHOD AND APPARATUS FOR IMPROVED  
MEMORY MANAGEMENT OF VIDEO IMAGES

Examiner: Unknown

Art Unit: Unknown

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Box: Non-Fee Amendment  
Washington, DC 20231

Dear Sir:

Please amend the above-identified patent application as follows prior to examination of a non-provisional patent application filed on June 30, 2000.

IN THE DRAWINGS

Please cancel FIGS. 3 and 4 as filed on June 30, 2000 and replace with FIGS. 3 and 4 as attached hereto.

IN THE SPECIFICATION

Please replace the paragraph beginning on page 6, line 25, as follows:

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Display controller 220 is also provided with a display memory 222, which stores pixel data in text, graphics, or video modes for output to display 290. Host CPU 210 is be coupled to display controller 220 through bus 270 and updates the content of display memory 222 when a display image for display 290 is altered. Bus 270 may comprise, for example, a PCI bus or the like. System memory 280 may be coupled to Host CPU 210 for storing data. Hardware video decoder 230 is provided to decode video data such as, for example, MPEG video data. MPEG video data is received from an MPEG video data source (e.g., CD-ROM or the like).

Alternatively, the video decoder 230 is implemented as, for example, a conventional software decoder 282 stored in the system memory 280. As such, one of ordinary skill in the art will recognize that the teaching of the present invention may be implemented in either software or hardware video decoders. Once decoded, the decoded video data is outputted to system memory 270 or directly to display memory 230.

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